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August 12, 2000

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
445 12th St., S.W.
Washington, DC 20554

Re: Ultra-Wideband
ET Docket 98-153

Dear Ms. Salas:

I am writing in response to the Federal Communications Commission's (FCC) Notice of Proposed Rule Making concerning ultra-wideband radio. As you know, one of the major producers of ultra-wideband devices, Time Domain, is located in Alabama. Time Domain's Time-Modulated Ultra Wideband technology (TM-UWB) enables several orders of magnitude improvement in communications, radar and position-location-tracking.

UWB technology has great potential to carry vast amounts of data, voice and video at extremely low power, providing the ultimate solution for delivering these services the "last hundred meters" and the "last ten meters" to, and within, schools, consumers' homes, and businesses in rural areas. UWB holds enormous promise for aviation safety applications: from ground penetrating radar to check for cracks in runways to collision avoidance systems on aircraft to augmenting GPS for precision take off and landing.

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These potential benefits will greatly improve the quality of life not only for my constituents, but also for millions of Americans. I urge the FCC to move promptly in making a decision on the technical matters of UWB technology. In doing so, this will allow for timely deployment of UWB enabling us to achieve the maximum advantages from this technology.

Sincerely,

Bill Armistead

Bill Armistead

N M P
NORO-MOSELEY PARTNERS

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August 24, 2000

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

RE: Ultra-Wideband ET Docket 98-153

Dear Ms. Salas:

I am writing in response to the FCC's Noticed of Proposed Rule Making on ultra-wideband radio and a company that is a leader with that technology, Time Domain out of Huntsville, Alabama. I work for a venture capital firm in Atlanta, Georgia called Noro-Moseley Partners, and we are an investor in Time Domain.

As you well know, new technology is one of the major drivers of the economic expansion we are now enjoying in the United States. For new technologies to survive we believe that it is important for technology not to experience severe regulatory delays, as these delays are one of the main deterring factors for external capital to go into a technology and further develop its great promise. Ultimately, this means that the selection of winners and losers in the marketplace will be determined by the strength of ideas and technologies not regulatory hurdles. Ultra-wideband is one of these incredible technologies with huge promise. Since this technology was developed in the U.S., we believe the U.S. should benefit from many of its great attributes. If the U.S. loses access to ultra-wideband technologies or foreign countries deploy the technology before the United States, the U.S. will lose international competitiveness and many foreign companies will be able to take advantage of ultra-wideband before U.S. based companies.

As a venture capital firm who invests in many new and groundbreaking technologies, we are very excited to support ultra-wideband and the many new technologies it can spawn. We are concerned, however, without timely regulatory approval, the US and its citizens will lose many of the wonderful attributes of ultra-wideband.

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For these reasons we strongly urge the FCC to move forward promptly in making a decision regarding ultra-wideband. We certainly understand there are a number of technical matters in which the FCC must continue to receive comfort and hope that the FCC will be able to reach decisions on technical matters that will permit deployment of the technology to achieve maximum performance. We also certainly encourage the FCC to employ ultra-wideband only subject to reasonable regulations designed to prevent harmful interference to critical public safety communications systems. We know the FCC will take the proper precautions when reviewing ultra-wideband technology however, we once again hope that the FCC will move quickly so that all of us can take advantage of this remarkable technology. Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "Allen Moseley", written in a cursive style.

Allen S. Moseley

CC: Mark Petroff
Tom Beard

ASM/tn